

Title (en)

PLATED STEEL SHEET HAVING EXCELLENT ADHESION PROPERTY AND MANUFACTURING METHOD THEREFOR

Title (de)

PLATTIERTES STAHLBLECH MIT EXZELLEENTER HAFTUNGSEIGENSCHAFT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

TÔLE D'ACIER PLAQUÉE PRÉSENTANT UNE EXCELLENTE PROPRIÉTÉ D'ADHÉSION ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 15873609 A 20151222

Priority

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Abstract (en)

[origin: EP3239358A1] The present invention relates to a plated steel sheet, which can be used for vehicles, home appliances, construction materials and the like, and to a method for manufacturing the plated steel sheet.

IPC 8 full level

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Citation (search report)

- [X] US 2013186524 A1 20130725 - KWAK YOUNG-JIN [KR], et al
- [X] WO 2013091889 A1 20130627 - TATA STEEL NEDERLAND TECHNOLOGY BV [NL]
- [XI] US 2010285333 A1 20101111 - KWAK YOUNG-JIN [KR], et al
- [XI] KR 20120059276 A 20120608 - HYUNDAI MOTOR CO LTD [KR], et al
- [A] JP H07278869 A 19951024 - HONDA MOTOR CO LTD
- [A] D. SANSOM ET AL: "Zinc coatings on steel produced by ion beam assisted deposition", SURFACE AND COATINGS TECHNOLOGY, vol. 84, no. 1-3, 1 October 1996 (1996-10-01), AMSTERDAM, NL, pages 480 - 484, XP055426052, ISSN: 0257-8972, DOI: 10.1016/S0257-8972(95)02766-1
- See also references of WO 2016105082A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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